

PLANETARIUM PRESENTER CERTIFICATE

THTR 120A	Introduction to Acting I
Total Hours	15

General Certificate Requirements

Additional requirements for graduation can be found on the Degree/Certificate Requirements for Graduation page (<https://catalog.umt.edu/academics/graduation-requirements/>).

Unless otherwise noted in individual program requirements, a minimum grade point average of 2.00 in all work attempted at the University of Montana-Missoula is required for graduation. Please see the Academic Policies and Procedures page (<https://catalog.umt.edu/academics/policies-procedures/>) for information on how your GPA is calculated.

Courses taken to satisfy the requirements of a major, minor, or certificate program must be completed with a grade of C- or better unless a higher grade is noted in the program requirements.

Career Certificate - Planetarium Presenter

Course Requirements

Code	Title	Hours
Core Courses		
Complete one of the following courses:		4
ASTR 131N & ASTR 134N	Planetary Astronomy and Planetary Astronomy Lab	
ASTR 132N & ASTR 135N	Stars, Galaxies, and the Universe and Stars, Galaxies, and the Universe Lab	
ASTR 142N	The Evolving Universe	
Complete all of the following courses:		
ASTR 498	Internship (taken for one credit per semester for four semesters of school group planetarium presentations.)	4
ASTR 499	Capstone (development and presentation of a public show in the planetarium.)	1
Electives		
Complete six credits of the following courses:		6
ASTR 351	Planetary and Exoplanet Science	
ASTR 353	Galaxies and Cosmology	
ASTR 363	Stellar Astronomy & Astrophysics I	
ASTR 365	Stellar Ast & Astrophys II	
COMX 111A	Introduction to Public Speaking	
CRWR 425	Storytelling	
M 109	Indigenous Ways of Knowing in Science, Technology, Engineering, and Mathematics	
MART 305	3D Animation I	
MART 460	Fundamentals of the Unity Game Engine	
NASX 235X	Oral and Written Traditions of Native Americans	
NPAD 367	Leadership and Nonprofits	
PHSX 330	Communicating Physics	
THTR 113A	Introduction to Voice Acting	